The Claims

What is claimed is:

1. A device for providing wireless Internet access comprising:

an antenna, the antenna for receiving a set of wireless queries and transmitting a set of

5   wireless responses; and

a program, the program is for converting the set of wireless queries into Internet

compatible protocols, the program is further for receiving a set of Internet protocol

formatted responses corresponding to the set of wireless queries, the program is

further for converting the set of Internet protocol formatted responses into the set

10   of wireless responses.

2. The device of claim 1 wherein the device includes a computer with a transceiver

card, the transceiver card is coupled to the antenna, the computer has a connection to the

Internet, the computer and the transceiver card are for executing the program.

3. The device of claim 2 wherein the computer includes a network server.

15   4. The device of claim 2 wherein the computer includes personal computer acting as a

client a local area network, the local area network being coupled in communications with

the Internet.

5. The device of claim 1 including a computer and an external transceiver, the

external transceiver includes the antenna, the external transceiver being coupled in

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communications with computer, the computer has a connection to the Internet, the computer and the external transceiver are for executing the program.

6.   The device of claim 5 wherein the external transceiver is coupled to the computer via a Universal Serial Bus connection.

7.   The device of claim 1 wherein each wireless query of a subset of the set of wireless queries includes a corresponding web site identifier, and wherein the program is for converting the each wireless query of the subset into one or more of HTTP requests, the HTTP requests being addressed for the web site identified by the web site identifier.

8.   The device of claim 1 wherein each wireless query of a subset of wireless queries includes a secure query, and wherein the program is for forwarding converting and forwarding each wireless query of the subset to a proxy server.

9.   A wireless access device for accessing Internet based information, the wireless access device comprising:

a transceiver for receiving a set of wireless queries and transmitting a set of wireless responses;

a computer, the computer being coupled to the transceiver;

a program, the program is for converting the set of wireless queries into Internet compatible protocols, the program is further for receiving a set of Internet protocol formatted responses corresponding to the set of wireless queries, the program is further for converting the set of Internet protocol formatted responses into the set of wireless responses.

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10. The wireless access device of claim 9 wherein the transceiver is coupled to the computer via a PCI bus connection.

11. The wireless access device of claim 9 wherein the transceiver is coupled to the computer via a Universal Serial Bus connection.

12. A device for providing wireless Internet access comprising:

first means for receiving a set of wireless queries and transmitting a set of wireless responses; and

second means for converting the set of wireless queries into Internet compatible protocols, the second means is further for receiving a set of Internet protocol formatted responses corresponding to the set of wireless queries, the second means is further for converting the set of Internet protocol formatted responses into the set of wireless responses.

13. A wireless communications device comprising:

a transceiver for wireless communications over at least a first wireless network and a second wireless network;

a memory for storing a program and a set of data, the set of data including a set of markup language formatted descriptions, the set of data being previously installed on the wireless communications device; and

a processor, the processor being coupled in communications with the antenna and the memory, the processor for executing the program, the program for accessing the set of data and for rendering a form from the set of data, the program further for

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supporting input into the wireless communications device, the input for completing

the form, the program further for generating a wireless communications query

corresponding to the form.

14. The wireless communciations device of claim 13 wherein the first wireless

network corresponds to a private wireless data packet network and the second wireless

network corresponds to a wireless connection to a computer coupled to a network.

15. The wireless communications device of claim 14 wherin the computer is a network

server.

16. The wireless communications device of claim 14 wherein the computer is a

personal computer acting as a client in a local area network.